

Amendment to the claims:

1. **(Original)** A method for calibrating at least one adjustable drive of a cutter associated with an image printer comprising:
- a) setting the adjustable drive of the cutter to a first setting;
 - b) printing a calibration print with the image printer;
 - c) moving the calibration print with the adjustable drive of the cutter;
 - d) comparing a chosen feature of the calibration print to the distance that the print is moved by the adjustable drive;
 - e) deriving an input signal representative of the difference between the chose feature and the distance that the calibration print is moved by the adjustable drive; and
 - f) correcting the adjustable drive responsive to the input signal.
2. **(Original)** The method as in Claim 1 including cutting the calibration print and the chose feature is the cut length.
3. **(Original)** The method as in Claim 1 wherein the adjustable drive is a stepper motor.
4. **(Currently Amended)** The method as in Claim 3 wherein ~~setting~~ the adjustable drive is a stepper motor and setting the adjustable drive comprises setting the linear distance that the stepper motor moves the calibration print with each step.
5. **(Original)** A method as in Claim 2 wherein correcting the adjustable drive comprises clanging the distance a stepper motor advances the calibration print for cutting the calibration print.
6. **(Original)** A method as in Claim 1 wherein the calibration print includes a pair of spaced fiducial marks and the chosen feature is the distance between the fiducial marks.

7. **(Original)** The method as in Claim 1 wherein the calibration print includes a plurality of staggered fiducial marks; cutting the calibration print to provide a cut edge adjacent one of the fiducial marks and the chosen feature being the fiducial mark closes to the cut edge.

8. **(Original)** A method for calibrating at least one component of a cutter associated with an image printer comprising:

- a) setting the adjustable component of the cutter to a first setting;
- b) printing a calibration print with the image printer;
- c) scanning the calibration print and measuring a feature of the calibration print that is affected by the setting of the adjustable component; and
- d) adjusting the component in response to the measurement.

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9. **(Original)** A method as in Claim 8 wherein adjusting the component comprises setting a stored value in a controller operating the cutter.

10. **(Currently Amended)** A method as in claim 9 wherein setting the adjustable component comprises setting is the linear distance the calibration print is moved with each step of a stepper motor.

11. **(Original)** A method as in Claim 8 including cutting the calibration print and scanning the print involves measuring the cut length of the calibration print and adjusting the component in response to the measured cut length.

12. **(Original)** A method as in Claim 8 wherein the calibration print has at least one fiducial mark and said scanning measures the intensity of the fiducial mark and adjusting the component comprises setting a fiducial sensor to produce a predetermined output.

13. **(Original)** A method as in Claim 8 wherein the adjustable component comprises an adjustable drive for moving the calibration print, the calibration print

comprises first and second fiducial marks and said adjusting comprises adjusting the drive so the linear distance the drive moves the print corresponds to the distance between the fiducial marks.

14. **(Original)** A method as in Claim 8 wherein the adjustable component comprises an adjustable drive for advancing the calibration print a preselected distance with respect to a cutter, the calibration print comprises a plurality of fiducial marks spaced a predetermined distances from a edge of the calibration print, and said adjusting comprises adjusting the adjustable drive to cause the cutter to cut the print at a predetermined one of the fiducial marks.

31 15. **(Previously Added)** Apparatus for calibrating at least one adjustable drive of a cutter associated with an image printer comprising:

a) said cutter having an adjustable drive for moving a calibration print produced by the printer, the adjustable drive being set to a first preset setting for moving the print a predetermined distance;

b) scanning means for comparing the actual distance the print is moved by the adjustable drive set at the first setting with a known distance on the calibration print and deriving an input signal responsive to the difference between the known distance on the calibration print and the actual distance the print is moved by the adjustable drive; and

c) correcting means adjusting the first preset setting responsive to the input signal and correcting the adjustable drive so the predetermined distance matches the known distance.

16. **(Previously Added)** Apparatus as in Claim 15 wherein the adjustable drive is a stepper motor and the first preset setting comprises the linear distance that the stepper motor moves the print with each step.

17. **(Previously Added)** Apparatus as in Claim 15 wherein the calibration print has at least one fiducial mark and the scanning means includes:

- a) an illuminator for illuminating the fiducial mark; and
- b) means for adjusting the intensity of the illuminator responsive to a voltage output of the scanner responding to the fiducial mark being different than a preset voltage.

18. **(Previously Added)** Apparatus as in Claim 15 wherein the cutter includes:

- a) a drive roller for moving the calibration print the predetermined distance corresponding to the preset setting;
- b) a knife for making a cut across the calibration print at the start and at the end of the predetermined distance; and
- c) the scanning means deriving the input signal responsive to the difference between the actual distance between the cuts and the predetermined distance.

19. **(Previously Added)** Apparatus for calibrating at least one component of a cutter associated with an image printer comprising:

- a) the cutter having an adjustable component preset to a first setting;
- b) a drive means for moving a calibration print produced by the image printer through the cutter;
- c) a scanner for scanning the calibration print as it passes through the cutter and measuring a feature of the calibration print affected by the setting of the adjustable component; and
- d) adjusting means acting responsive to the measurement to change the preset setting of the adjustable component.

20. **(Previously Added)** Apparatus as in Claim 19 wherein:

- a) the adjustable component is the intensity of the illumination of a fiducial mark on the calibration print;

b) the first setting is a preset voltage setting related to a desired intensity of the illumination of the fiducial mark; and

c) the adjusting means acts responsive to a measurement of the actual fiducial mark illumination to adjust the preset voltage and thereby increase or decrease the illumination of the fiducial mark to produce the desired intensity.

21. **(Previously Added)** Apparatus as in Claim 19 wherein:

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a) the calibration print includes a pair fiducial marks spaced a known distance apart;

b) the adjustable component is a stepper motor drive for moving the calibration print through the cutter;

c) the preset setting is the linear distance the stepper motor moves the calibration print with each step;

d) the sensor being operable to measure the distance between the spaced fiducial marks as the calibration print is moved through the cutter by the stepper motor; and

e) the adjusting means acting responsive to the measurement to change the preset setting to adjust the linear distance the stepper motor moves the calibration print with each step so the linear distance coincides with the known distance between the fiducial marks.
